



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3108-7
Job Sheet 198492



Part No: D3108-7

Job Qty: 6 pcs

Part Name: Decal



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/30/19

Job Tracking No:

Due Date: 8/16/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV B1 IPP B 02.04.23 Added Rev.B NG

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
100	Purchasing	6 pcs	8/16/19	8/16/19	0.00	0.00	Purchasing - 1		AUG 09 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	6 pcs	8/16/19	8/16/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
120	QC 6	6 pcs	8/16/19	8/16/19	0.00	0.00	QC 6 - 9		
							QC 6 - 68		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaero.com

Container No: S204234



Part: D3108-7

Job No: 198492

Serial No/Batch: S204234

Revision:

Inspector:

Exp Date: 08/09/2019

Instructions: Various STC's

Date: 08/09/19

Plex 7/30/19 11:10 AM Dart.Lavoie.Chanta

130 Packaging 3-1 - Stock - B4B 6 pcs	8/16/19	0.00 0.00	QC 6 - 61	DAS	SEP 05 2019
			QC 6 - 40	81	
			QC 6 - 81	9-89	
			Packaging 3 - 1 - B4B		
			Packaging 3 - 2 - B4B		
			Packaging 3 - 3 - B4B		
			Packaging 3 - 4 - B4B	51017	
			Packaging 3 - 5 - B4B	DAS 74 9-89	
			Packaging 3 - 6 - B4B		
			Packaging 3 - 7 - B4B		
			Packaging 3 - 8 - B4B		
			Packaging 3 - 9 - B4B		
			Packaging 3 - 10 - B4B		
			Packaging 3 - 11 - B4B		
			Packaging 3 - 12 - B4B		
			Packaging 3 - 13 - B4B		
			Packaging 3 - 14 - B4B		
			Packaging 3 - 15 - B4B		
			Packaging 3 - 16 - B4B		
			Packaging 3 - 17 - B4B		
			Packaging 3 - 18 - B4B		
			Packaging 3 - 19 - B4B		
			Packaging 3 - 20 - B4B		
			Packaging 3 - 21 - B4B		
			Packaging 3 - 22 - B4B		
			Packaging 3 - 23 - B4B		
			Packaging 3 - 24 - B4B		
			Packaging 3 - 25 - B4B		
			Packaging 3 - 26 - B4B		
140 QC 21 - SA 6 pcs	8/16/19	0.00 0.00	QC 21 - SA - 21	DAS	SEP 09 2019
			QC 21 - SA - 70	21	
			QC 21 - SA - 53	9-89	

Part Op 100 - Issue P/O: _____ Make per Dwg D3108 Black letter on white adhesive film Manufacture from 3M 7mil masking
 Descriptions: film p/n 8522CP OR Avery IPM #2031 Material release note required

110 - (Receive & Inspect for Damage & Mat'l Certs), Ensure Material Release Note is attached

120 - (QC6- All purchased or subcontracted products)

130 - (Identify as per dwg & Stock Location: _____), ***ONE YEAR EXPIRED DATE FROM

RECEIVING: ***

140 - (QC21- Final Inspection - Work Order Release)

EXP. 2020/08/09

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3108-7P	Decal	6 pcs (1 ea)	100-Purchasing	5204232

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D3108-7P	6	0	0

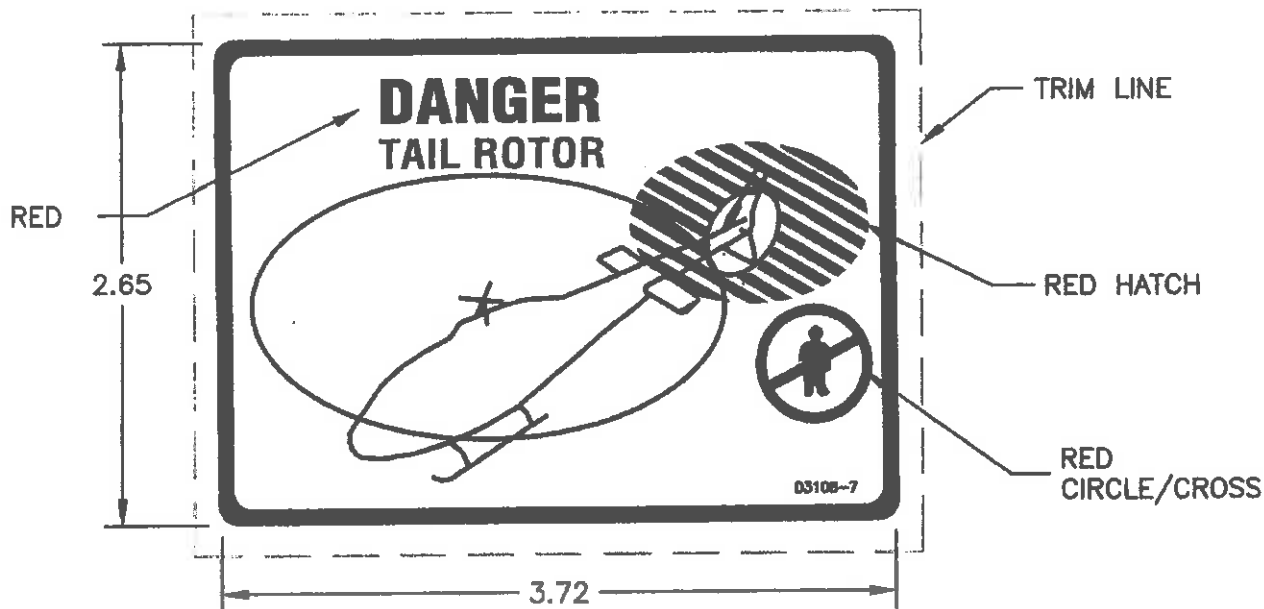
Part Specifications

Specifications could not be found.

Plex 7/30/19 11:10 AM Dart.Lavoie.Chantal



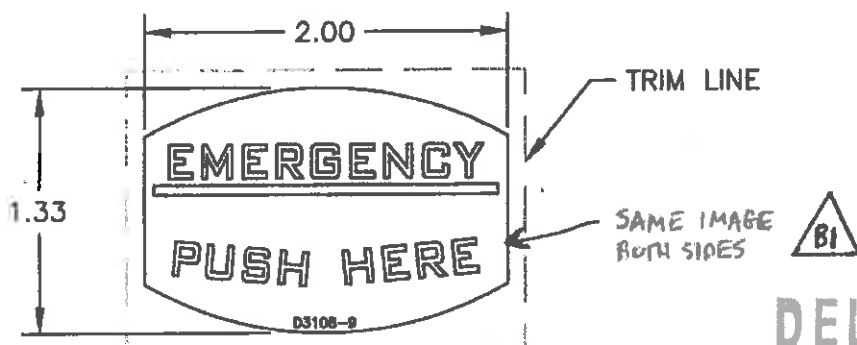
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3108	REV. B SHEET 2 OF 2
DATE 02.04.17		TITLE DECAL	SCALE 1:1



D3108-7
(REPLACES BHT P/N 31-072-1
AND PREMIER P/N 083-81000-25)

NOTES:

MATERIAL: BLACK (EXCEPT FOR RED AS NOTED) ARTWORK ON WHITE ADHESIVE BACK
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
TOLERANCES ARE PER QSI 018 UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE IN INCHES



D3108-9
(REPLACES BHT P/N 212-072-635-101)

NOTES:

MATERIAL: WHITE LETTER ON RED ADHESIVE BACK. CLEAR VINYL WITH FLEXION FLEXDOWN WHITE BARRIER FILM
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
TOLERANCES ARE PER QSI 018 UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE IN INCHES

Copyright © 2002 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044188



Supplier: STU002-VC
Studio de Lettrage 2001
210 Main West
Hawkesbury
ON
K6A 2H6 Canada
Phone: 613 632 5449
Fax: 613 632 9491

Attention: Grace, Batista

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044188

PO Date: 8/1/19

Due Date: 8/15/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

AUG 01 2019

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198491	600.1312P			Caution Sticker as per dwg 600.1312 rev. A	Firmed	-	8/15/19	24 Ea	0 Ea	24 Ea	\$3.13/Ea	\$75.12
									24 X				
									AUG 09 2019				
2	198492	D3108-7P			Decal as per dwg D3108-7 rev. B	Firmed	-	8/15/19	6 Ea	0 Ea	6 Ea	\$13.333/Ea	\$80.00
									6 X				
									AUG 09 2019				
Grand Total:													\$155.12

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

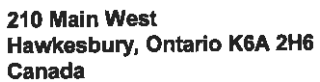
A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 8/1/19 12:33 PM Dart.Lavoie.Chantal



Invoice No.: 48447
Date: 08/07/2019
Ship Date:
Page: 1
Re: Order No.

1270 Aberdeen
Hawkesbury, Ontario
K6A 1K7

1270 Aberdeen
Hawkesbury, Ontario
K6A 1K7

Quantity	Description	Base Price	Disc. %	Unit Price	Amount
✓ 24 ✓ 6	600.1312P. D3108-7P.	3.1250 13.3333		3.1250 13.3333	75.00 80.00
	PO# HB044188 Attn: Chantal				
	Subtotal:				155.00
	H - HST HST			DAS 81 9-89	20.15
RECEIVED AUG 0 8 2019 DART AEROSPACE LTD. Thank you for your business / Merci de faire affaire avec nous					
Shipped By:		Tracking Number:		HST: 825007651RT0001	
Comment: WO25731				Total Amount	175.15
				Amount Paid	0.00
Sold By:				Amount Owing	175.15

***** CERTIFICATE of CONFORMITY *****

Manufacture:

Studio SL2

Purchase order #:

HB 044188

Packing Slip#

WO#25731

Part #:

Drawing Rev:

Serial/Batch:

Description (Part Name): 600.1312P, D3108-7P.

Quantity: 24, 6.

Certification:

We hereby certify that:

PLEASE
CHECK
BOX IF
REQUIRED

1. The above listed items were manufactured and/or inspected in accordance with applicable supplied drawings and/or specifications. ☒
2. All work was accomplished in accordance with the Dart Aerospace Ltd. purchase order. ☒
3. Results of all inspections, chemical or physical test, as well as other evidence, which shows the acceptability of raw materials, parts and/or assembly components are on file and available for inspection at any time. ☒
4. All material certification or copies of purchase orders of the material used to manufacture this component have been attached to this document. ☐

Record Expiry Date of Materials: Aug 7, 2020

Authority:

3m

Approval:

Valerie Young

Signature:

Val

Date: (yyyy/mm/dd)

2019/08/07

Title:

Office Admin.

DAS
81
9-89

IJ35-10
IJ35-20**Quick Links**[3M Graphics Warranties](#)
[Technical Information Selector](#)
[Safety Data Sheets \(SDS\)](#)
[Flammability \(ASTM E84 Reports\)](#)
[Videos](#)**Product Description**

- For Solvent, Eco-Solvent UV and Latex Inkjet Printing and Screen Printing
- 3.2-mil vinyl film

Product Features

- Available in gloss and matte finishes
- Pressure-sensitive adhesive
- Permanent
- Expected Performance Life of 5 years (unwarranted period for unprinted film with no graphic protection, applied to a flat, vertical, outdoor surface)

Recommended Types of Graphics and End Uses

- Short to long-term, indoor and outdoor promotional graphics
- Signs, trade show and point-of-purchase displays
- Exhibits and architectural applications

DAS
81
9-89**Graphic Protection**

Graphic protection can improve the appearance, performance and durability of your graphic. Always use only the graphic protection options recommended in this Bulletin for this film.

- [3M™ Scotchcal™ Gloss Overlaminate 8508](#)
- [3M™ Scotchcal™ Luster Overlaminate 8509](#)
- [3M™ Scotchcal™ Matte Overlaminate 8510](#)

Characteristics

These are typical values for unprocessed product. Processing may change the values.

Physical Characteristics

Characteristic	Value
Material	Vinyl
Film Color	White, opaque
Thickness	Without adhesive: 3.25 mil (0.081 mm) With adhesive: 4.0 mil (0.102 mm)
Adhesive	Pressure sensitive
Adhesive Color	Gray
Liner	Polycoated paper
Flammability	ASTM E84 reports: IJ35-10 and IJ35-20 , or go to the On-line Product Catalog at 3Mgraphics.com

Factors that Affect Graphic Performance Life

The actual performance life of a graphic is affected by:

- the combinations of graphics materials used.
- complete ink drying or curing.
- selection, condition and preparation of the substrate.
- surface texture.
- application methods.
- angle and direction of sun exposure.
- environmental conditions.
- cleaning or maintenance methods.

Graphics Manufacturing



CAUTION

Before using any equipment, always read the manufacturer's instructions for safe operation.

Inkjet Printing

Always read and follow the ink manufacturer's written instructions on usage.

- **Sheeted film:** When used on a flat-bed inkjet printer, sheeted film may produce printing defects.
- **Ink limiting:** The recommended maximum ink limit is 250%.
- **If sheeted or stacked graphics will be stored:** If you plan to store sheeted and stacked finished graphics for an extended period of times, leave an unprinted margin (about 1/4 inch) to allow for possible shrinkage before trimming the graphic.

Do not exceed the recommended total ink coverage for the ink series used on this film. Having too high a total physical ink amount on the film results in media characteristic changes, incomplete drying, overlamine lifting, and/or poor graphic performance.

Completely Dry Graphics



IMPORTANT NOTE

Incomplete drying or curing can result in graphic failure including curling, increased shrinkage and adhesion failure, which are not covered under any 3M Graphic Warranty.

See the ink's 3M Product and Instruction Bulletin for more details.

Screen Printing

Formulations and processing conditions can affect ink durability. Refer to the Product and Instruction Bulletins for your ink for limitations and proper usage.

Cutting

See [3M Instruction Bulletin 4.1](#) for Sheeting, Scoring and Film Cutting details.

Graphic Protection

Graphic protection may improve the appearance, performance and durability of the graphic. Click on the graphic protection options listed in Product Bulletin or see the [3M Graphics Market Product Catalog](#) for more information.



IMPORTANT NOTE

During installation, scratches may occur on films without graphic protection.

Bulletin Change Summary

For the most current 3M Technical Information available to successfully use this product, please view this Bulletin electronically and click on the blue underlined links to view the relevant documents.

Release J, NOV-2016:

- Updated Thickness. See "Physical Characteristics" on page 1.

3M Commercial
Solutions
3M Center
Building 220-12E-04
St. Paul, MN 55144-1000
Phone 1-888-328-3908
Web 3M.com/Graphics

3M Canada
PO Box 5757
London, ON N6A 4T1
1-800-265-1840
Fax 519-452-6245

3M México S.A. de C.V.
Av. Santa Fe No. 55
Col. Santa Fe, Del. Alvaro
Obregón
México D.F. 01210
General 5255-5270-0400
Fax 5255-5270-2277

3M Puerto Rico, Inc.
350 Chardon Avenue
Suite 1100
San Juan, PR 00918
General 787-620-3000
Fax 787-620-3018

3M and Scotchcal are trademarks of 3M Company. All other trademarks are the property of their respective owners.

